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## C-A OPERATIONS PROCEDURES MANUAL

### ATTACHMENT

#### 4.120.10.h 10 O'Clock (PEER 15) ODH Tests

C-A-OPM Procedures in which this Attachment is used.		
4.120.10		

#### Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
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Approved: \_\_\_\_\_ *Signature on File* \_\_\_\_\_  
 Collider-Accelerator Department Chairman Date

V. Castillo

**4.120.10.h 10 O'Clock (PEER 15) ODH Tests**

**PASS ANNUAL ACCEPTANCE TEST PROTOCOL**

**Division A Software Filename and Checksum: Title:\_\_\_\_\_ Checksum: \_\_\_\_\_**

**Division B Software Filename and Checksum: Title:\_\_\_\_\_ Checksum: \_\_\_\_\_**

**Initial testing complete:**

**Test Team Leader's Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_**

**Test Team Leader's Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_**

**Acceptance test procedure complete (following repairs and retesting if required):**

**Test Team Leader's Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_**

**Test Team Leader's Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_**

**Test results reviewed by:**

**Safety Section Head's Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_**

**Safety Section Head's Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_**

**Test results accepted by Radiation Safety Committee:**

**RSC Member's Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_**

**RSC Member's Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_**

**1.1 Conduct a visual check on Peer 17 Crash and Crash/ODH boxes following Table 1 below**  
√ = ok, x = problem

BOXES		Verify mechan condn. ok	Verify elec. condn. ok	Crash/ODH boxes only				Verify all X's corrected
CRASH	Crash/ODH			Division A		Division B		
				Lcd Rdg	Tp2 – Tp4 Vltg	Lcd Rdg	Tp2 – Tp4 Vltg	
9CB1		□	□	N/A	N/A	N/A	N/A	□
9CB2		□	□	N/A	N/A	N/A	N/A	□
	9CB3	□	□	%	v	%	V	□
9CB4		□	□	N/A	N/A	N/A	N/A	□
	9CB5	□	□	%	v	%	V	□
10CB1		□	□	N/A	N/A	N/A	N/A	□
	10CB2	□	□	%	V	%	V	□
	10CB3	□	□	%	V	%	V	□
10CB4		□	□	N/A	N/A	N/A	N/A	□
	10CB5	□	□	%	V	%	V	□
	10XCB1	□	□	%	V	%	V	□
	10XCB2	□	□	%	V	%	V	□
	10XCB3	□	□	%	V	%	V	□

**Table 1 – Summary of visual check on Crash and Crash/ODH boxes in Peer 15**

1.2 Verification of valid calibration of ODH sensors in Peer 17, following Table 2 below  
 ✓ = ok, x = problem

ODH sensor	Verify valid calibration	Record calibration date	Verify all x's corrected	Record new calibration date
9AS1	<input type="checkbox"/>	____/____/____	<input type="checkbox"/>	____/____/____
9AS2	<input type="checkbox"/>	____/____/____	<input type="checkbox"/>	____/____/____
10AS1	<input type="checkbox"/>	____/____/____	<input type="checkbox"/>	____/____/____
10AS2	<input type="checkbox"/>	____/____/____	<input type="checkbox"/>	____/____/____
10AS3	<input type="checkbox"/>	____/____/____	<input type="checkbox"/>	____/____/____
10XAS1	<input type="checkbox"/>	____/____/____	<input type="checkbox"/>	____/____/____
10XAS2	<input type="checkbox"/>	____/____/____	<input type="checkbox"/>	____/____/____
10XAS3	<input type="checkbox"/>	____/____/____	<input type="checkbox"/>	____/____/____

Table 2 – Verification of valid calibration of ODH sensors in Peer 15

1.3 Test of ODH sensor 9AS1 in 9CB3

<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
	<b>FLOW</b>	<b>Helium ( or Nitrogen ) gas across 9AS1</b>	
	<b>RECORD</b>	<b>Oxygen trip level for Div A</b>	_____ %
	<b>RECORD</b>	<b>Oxygen trip level for Div B</b>	_____ %
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 9AS1 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 9AS1 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes on 9CB3 are</b>	<b>FLASHING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B sonalerts on 9CB3 are</b>	<b>SOUNDING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 9EF2 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 9AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 9AV2 is</b>	<b>OPEN</b>
	<b>HALT</b>	<b>Flow of gas on 9AS1</b>	
	<b>WAIT</b>	<b>For 9AS1 to clear (level ~ trip-level above)</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes and sonalerts on 9CB3 are</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 9EF2 is</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 9AV1 is</b>	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 9AV2 is</b>	<b>CLOSED</b>
	<b>RESET</b>	<b>ODH in MCR</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees ODH as</b>	<b>RESET</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of sensor 9AS1</b>		

#### 1.4 Test of ODH sensor 9AS2 in 9CB5

<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
<b>FLOW</b>	<b>Helium ( or Nitrogen ) gas across 9AS2</b>	
<b>RECORD</b>	<b>Oxygen trip level for Div A</b>	_____ %
<b>RECORD</b>	<b>Oxygen trip level for Div B</b>	_____ %
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 9AS2 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 9AS2 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Div A &amp; B strobes on 9CB5 are</b>	<b>FLASHING</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Div A &amp; B sonalerts on 9CB5 are</b>	<b>SOUNDING</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 9EF2 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV4 is</b>	<b>OPEN</b>
<b>HALT</b>	<b>Flow of gas on 9AS2</b>	
<b>WAIT</b>	<b>For 9AS2 to clear (level ~ trip-level above)</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Div A &amp; B strobes and sonalerts on 9CB5 are</b>	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 9EF2 is</b>	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV1 is</b>	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV4 is</b>	<b>CLOSED</b>
<b>RESET</b>	<b>ODH in MCR</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees ODH as</b>	<b>RESET</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of sensor 9AS2</b>	

#### 1.5 Test of ODH sensor 10XAS1 in 10XCB1

<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
<b>FLOW</b>	<b>Helium ( or Nitrogen ) gas across 10XAS1</b>	
<b>RECORD</b>	<b>Oxygen trip level for Div A</b>	_____ %
<b>RECORD</b>	<b>Oxygen trip level for Div B</b>	_____ %
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 10XAS1 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 10XAS1 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Div A &amp; B strobes on 10XCB1 are</b>	<b>FLASHING</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Div A &amp; B sonalerts on 10XCB1 are</b>	<b>SOUNDING</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10XEF1 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10XEF2 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10XSF1 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10XSF2 is</b>	<b>ON</b>
<b>HALT</b>	<b>Flow of gas on 10XAS1</b>	
<b>WAIT</b>	<b>For 10XAS1 to clear (level ~ trip-level above)</b>	

- |                          |   |  |              |
|--------------------------|---|--|--------------|
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Div A &amp; B strobes and sonalerts on 10XCB1 are</b> | <b>OFF</b>   |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XEF1 is</b>                                     | <b>OFF</b>   |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XEF2 is</b>                                     | <b>OFF</b>   |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XSF1 is</b>                                     | <b>OFF</b>   |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XSF2 is</b>                                     | <b>OFF</b>   |
|                          |   |  |              |
|                          | <b>RESET</b>                                      | <b>ODH in MCR</b>  |              |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>MCR sees ODH as</b>                                   | <b>RESET</b> |
|                          |   |  |              |
| <input type="checkbox"/> | <b>Check for Test Acceptance of sensor 10XAS1</b> |  |              |

#### 1.6 Test of ODH sensor 10XAS2 in 10XCB2

- |                          |   |  |                 |
|--------------------------|---|--|-----------------|
|                          | <b>PLACE</b>                                      | <b>Peer 17 in Mode 8</b>                                 |                 |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Peer 17 is in Restricted Access</b>                   | <b>MODE 8</b>   |
|                          |   |  |                 |
|                          | <b>FLOW</b>                                       | <b>Helium ( or Nitrogen ) gas across 10XAS2</b>          |                 |
|                          | <b>RECORD</b>                                     | <b>Oxygen trip level for Div A</b>                       | _____ %         |
|                          | <b>RECORD</b>                                     | <b>Oxygen trip level for Div B</b>                       | _____ %         |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>MCR sees 10XAS2 Div A</b>                             | <b>TRIPPED</b>  |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>MCR sees 10XAS2 Div B</b>                             | <b>TRIPPED</b>  |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Div A &amp; B strobes on 10XCB2 are</b>               | <b>FLASHING</b> |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Div A &amp; B sonalerts on 10XCB2 are</b>             | <b>SOUNDING</b> |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XEF1 is</b>                                     | <b>ON</b>       |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XEF2 is</b>                                     | <b>ON</b>       |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XSF1 is</b>                                     | <b>ON</b>       |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XSF2 is</b>                                     | <b>ON</b>       |
|                          |   |  |                 |
|                          | <b>HALT</b>                                       | <b>Flow of gas on 10XAS2</b>                             |                 |
|                          | <b>WAIT</b>                                       | <b>For 10XAS2 to clear (level ~ trip-level above)</b>    |                 |
|                          |   |  |                 |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Div A &amp; B strobes and sonalerts on 10XCB2 are</b> | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XEF1 is</b>                                     | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XEF2 is</b>                                     | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XSF1 is</b>                                     | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>Fan 10XSF2 is</b>                                     | <b>OFF</b>      |
|                          |   |  |                 |
|                          | <b>RESET</b>                                      | <b>ODH in MCR</b>  |                 |
| <input type="checkbox"/> | <b>VERIFY</b>                                     | <b>MCR sees ODH as</b>                                   | <b>RESET</b>    |
|                          |   |  |                 |
| <input type="checkbox"/> | <b>Check for Test Acceptance of sensor 10XAS2</b> |  |                 |

## 1.7 Test of ODH sensor 10AS1 in 10CB2

<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
	<b>FLOW</b>	<b>Helium ( or Nitrogen ) gas across 10AS1</b>	
	<b>RECORD</b>	<b>Oxygen trip level for Div A</b>	_____ %
	<b>RECORD</b>	<b>Oxygen trip level for Div B</b>	_____ %
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10AS1 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10AS1 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes on 10CB2 are</b>	<b>FLASHING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B sonalerts on 10CB2 are</b>	<b>SOUNDING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10EF1 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV2 is</b>	<b>OPEN</b>
	<b>HALT</b>	<b>Flow of gas on 10AS1</b>	
	<b>WAIT</b>	<b>For 10AS1 to clear (level ~ trip-level above)</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes and sonalerts on 10CB2 are</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10EF1 is</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV1 is</b>	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV2 is</b>	<b>CLOSED</b>
	<b>RESET</b>	<b>ODH in MCR</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees ODH as</b>	<b>RESET</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of sensor 10AS1</b>		

## 1.8 Test of ODH sensor 10AS2 in 10CB3

<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
	<b>FLOW</b>	<b>Helium ( or Nitrogen ) gas across 10AS2</b>	
	<b>RECORD</b>	<b>Oxygen trip level for Div A</b>	_____ %
	<b>RECORD</b>	<b>Oxygen trip level for Div B</b>	_____ %
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10AS2 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10AS2 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes on 10CB3 are</b>	<b>FLASHING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B sonalerts on 10CB3 are</b>	<b>SOUNDING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10EF1 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV2 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV4 is</b>	<b>OPEN</b>
	<b>HALT</b>	<b>Flow of gas on 10AS2</b>	
	<b>WAIT</b>	<b>For 10AS2 to clear (level ~ trip-level above)</b>	

- |                          |  |   |               |
|--------------------------|--|---|---------------|
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>Div A &amp; B strobes</b> and <b>sonalerts</b> on <b>10CB3</b> are | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Fan <b>10EF1</b> is   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Vent <b>10AV2</b> is  | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Vent <b>10AV4</b> is  | <b>CLOSED</b> |
|                          |  |   |               |
|                          | <b>RESET</b>                                     | <b>ODH</b> in <b>MCR</b>  |               |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>MCR</b> sees <b>ODH</b> as   | <b>RESET</b>  |
|                          |  |   |               |
| <input type="checkbox"/> | <b>Check for Test Acceptance of sensor 10AS2</b> |   |               |

## 1.9 Test of ODH sensor 10AS3 in 10CB5

- |                          |  |   |                 |
|--------------------------|--|---|-----------------|
|                          | <b>PLACE</b>                                     | <b>Peer 17</b> in <b>Mode 8</b>                                       |                 |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>Peer 17</b> is in <b>Restricted Access</b>                         | <b>MODE 8</b>   |
|                          |  |   |                 |
|                          | <b>FLOW</b>                                      | <b>Helium ( or Nitrogen )</b> gas across <b>10AS3</b>                 |                 |
|                          | <b>RECORD</b>                                    | <b>Oxygen</b> trip level for <b>Div A</b>                             | _____ %         |
|                          | <b>RECORD</b>                                    | <b>Oxygen</b> trip level for <b>Div B</b>                             | _____ %         |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>MCR</b> sees <b>10AS3</b> <b>Div A</b>                             | <b>TRIPPED</b>  |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>MCR</b> sees <b>10AS3</b> <b>Div B</b>                             | <b>TRIPPED</b>  |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>Div A &amp; B strobes</b> on <b>10CB5</b> are                      | <b>FLASHING</b> |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>Div A &amp; B sonalerts</b> on <b>10CB5</b> are                    | <b>SOUNDING</b> |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Fan <b>11EF1</b> is   | <b>ON</b>       |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Vent <b>10AV4</b> is  | <b>OPEN</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Vent <b>11AV1</b> is  | <b>OPEN</b>     |
|                          |  |   |                 |
|                          | <b>HALT</b>                                      | <b>Flow</b> of gas on <b>10AS3</b>                                    |                 |
|                          | <b>WAIT</b>                                      | For <b>10AS3</b> to clear (level ~ trip-level above)                  |                 |
|                          |  |   |                 |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>Div A &amp; B strobes</b> and <b>sonalerts</b> on <b>10CB5</b> are | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Fan <b>11EF1</b> is   | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Vent <b>10AV4</b> is  | <b>CLOSED</b>   |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | Vent <b>11AV1</b> is  | <b>CLOSED</b>   |
|                          |  |   |                 |
|                          | <b>RESET</b>                                     | <b>ODH</b> in <b>MCR</b>  |                 |
| <input type="checkbox"/> | <b>VERIFY</b>                                    | <b>MCR</b> sees <b>ODH</b> as   | <b>RESET</b>    |
|                          |  |   |                 |
| <input type="checkbox"/> | <b>Check for Test Acceptance of sensor 10AS3</b> |   |                 |



# 1.10 10-minute Activation test of sensor 9AS1 in sector 9

<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div A pcb in 9CB3</b>	
<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div B pcb in 9CB3</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees Peer 17 is in</b>	<b>MODE 2</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 9AS1 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 9AS1 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 9EF2 is immediately</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV1 is immediately</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV2 is immediately</b>	<b>OPEN</b>
<b>AFTER</b>	<b>~ 30 secs</b>	
<b>TURN</b>	<b>Bypass Switch to Bypass</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Strobes <input type="checkbox"/>, Sonalerts <input type="checkbox"/> and Fans (after ~90secs) <input type="checkbox"/></b>	<b>STOP</b>
<b>TURN</b>	<b>Bypass Switch from Bypass</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Strobes <input type="checkbox"/>, Sonalerts <input type="checkbox"/> and Fans (after ~30secs) <input type="checkbox"/></b>	<b>CONTINUE</b>
<b>BEGIN</b>	<b>10-minute timer</b>	
<b>RECORD</b>	<b>Volume of air-flow at the inlet of fan 9EF2</b>	<b>_____ LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<b><u>1592 LFM</u></b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Air flow at tell-tale of vent 9AV1 is</b>	<b>ADEQUATE</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Air flow at tell-tale of vent 9AV2 is</b>	<b>ADEQUATE</b>
<b>AFTER</b>	<b>~ 10 minutes</b>	
<b>RECORD</b>	<b>Duration of timer</b>	<b>_____ mins</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 8EF0 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 8EF1 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 9EF1 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10XEF1 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10XEF2 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10XSF1 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10XSF2 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 8AV0 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 8AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 8AV2 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 8AV3 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 8AV4 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV3 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV4 is</b>	<b>OPEN</b>
<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div A pcb in 9CB3</b>	
<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div B pcb in 9CB3</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 9EF2 is</b>	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV1 is</b>	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 9AV2 is</b>	<b>CLOSED</b>

- |                          |  |                        |               |
|--------------------------|--|------------------------|---------------|
| <input type="checkbox"/> | <b>VERIFY</b>  | Fan <b>8EF0</b> is     | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>  | Fan <b>8EF1</b> is     | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>  | Fan <b>9EF1</b> is     | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>  | Fan <b>10XEF1</b> is   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>  | Fan <b>10XEF2</b> is   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>  | Fan <b>10XSF1</b> is   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>  | Fan <b>10XSF2</b> is   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>  | Vent <b>8AV0</b> is    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>  | Vent <b>8AV1</b> is    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>  | Vent <b>8AV2</b> is    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>  | Vent <b>8AV3</b> is    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>  | Vent <b>8AV4</b> is    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>  | Vent <b>9AV3</b> is    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>  | Vent <b>9AV4</b> is    | <b>CLOSED</b> |
|                          |  |                        |               |
|                          | <b>RESET</b>   | <b>ODH in MCR</b>      |               |
| <input type="checkbox"/> | <b>VERIFY</b>  | <b>MCR sees ODH as</b> | <b>RESET</b>  |
|                          |  |                        |               |
| <input type="checkbox"/> | <b>Check for Test Acceptance of sensor 9AS1 on for &gt; 10 minutes</b> |                        |               |

#### 1.11 Test Activation of multiple sensors 9AS1 and 9AS2 in sector 9

- |                          |               |   |                |
|--------------------------|---------------|---|----------------|
| <input type="checkbox"/> | <b>PLACE</b>  | <b>Peer 17 in Mode 8</b>                    |                |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Peer 17 is in Restricted Access</b>      | <b>MODE 8</b>  |
|                          |               |   |                |
|                          | <b>JUMPER</b> | <b>Tp2 and Tp4 on the Div A pcb in 9CB3</b> |                |
|                          | <b>JUMPER</b> | <b>Tp2 and Tp4 on the Div B pcb in 9CB3</b> |                |
|                          | <b>JUMPER</b> | <b>Tp2 and Tp4 on the Div A pcb in 9CB5</b> |                |
|                          | <b>JUMPER</b> | <b>Tp2 and Tp4 on the Div B pcb in 9CB5</b> |                |
|                          |               |   |                |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>MCR sees Peer 17 is in</b>               | <b>MODE 2</b>  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>MCR sees 9AS1 Div A</b>                  | <b>TRIPPED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>MCR sees 9AS1 Div B</b>                  | <b>TRIPPED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>MCR sees 9AS2 Div A</b>                  | <b>TRIPPED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>MCR sees 9AS2 Div B</b>                  | <b>TRIPPED</b> |
|                          |               |   |                |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>8EF0</b> is                          | <b>ON</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>8EF1</b> is                          | <b>ON</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>9EF1</b> is                          | <b>ON</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>9EF2</b> is                          | <b>ON</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF1</b> is                        | <b>ON</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF2</b> is                        | <b>ON</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF1</b> is                        | <b>ON</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF2</b> is                        | <b>ON</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>8AV0</b> is                         | <b>OPEN</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>8AV1</b> is                         | <b>OPEN</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>8AV2</b> is                         | <b>OPEN</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>8AV3</b> is                         | <b>OPEN</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>8AV4</b> is                         | <b>OPEN</b>    |

<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV1</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV2</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV3</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV4</b> is	<b>OPEN</b>
	<b>AFTER</b>	<b>~ 30 secs</b>	
	<b>TURN</b>	Bypass Switch <b>to</b> Bypass	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes</b> <input type="checkbox"/> , <b>Sonalerts</b> <input type="checkbox"/> and <b>Fans</b> (after ~90secs) <input type="checkbox"/>	<b>STOP</b>
	<b>TURN</b>	Bypass Switch <b>from</b> Bypass	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes</b> <input type="checkbox"/> , <b>Sonalerts</b> <input type="checkbox"/> and <b>Fans</b> (after ~30secs) <input type="checkbox"/>	<b>CONTINUE</b>
	<b>REMOVE</b>	<b>Jumper</b> between <b>Tp2</b> and <b>Tp4</b> on the <b>Div A pcb in 9CB3</b>	
	<b>REMOVE</b>	<b>Jumper</b> between <b>Tp2</b> and <b>Tp4</b> on the <b>Div B pcb in 9CB3</b>	
	<b>REMOVE</b>	<b>Jumper</b> between <b>Tp2</b> and <b>Tp4</b> on the <b>Div A pcb in 9CB5</b>	
	<b>REMOVE</b>	<b>Jumper</b> between <b>Tp2</b> and <b>Tp4</b> on the <b>Div B pcb in 9CB5</b>	
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>8EF0</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>8EF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>9EF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>9EF2</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XEF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XEF2</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV0</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV4</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV4</b> is	<b>CLOSED</b>
	<b>RESET</b>	<b>ODH in MCR</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR</b> sees <b>ODH</b> as	<b>RESET</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of Activation of multiple sensors 9AS1 and 9AS2 in sector 7</b>		

# 1.12 10-minute Activation test of sensor 10XAS1 in sector 10 Experimental area

<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
	<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div A pcb in 10XCB1</b>	
	<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div B pcb in 10XCB1</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Peer 17 is in</b>	<b>MODE 2</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10XAS1 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10XAS1 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10XEF1 is immediately</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10XEF2 is immediately</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10XSF1 is immediately</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10XSF2 is immediately</b>	<b>ON</b>
	<b>AFTER</b>	<b>~ 30 secs</b>	
	<b>TURN</b>	<b>Bypass Switch to Bypass</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes <input type="checkbox"/>, Sonalerts <input type="checkbox"/> and Fans (after ~90secs) <input type="checkbox"/></b>	<b>STOP</b>
	<b>TURN</b>	<b>Bypass Switch from Bypass</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes <input type="checkbox"/>, Sonalerts <input type="checkbox"/> and Fans (after ~30secs) <input type="checkbox"/></b>	<b>CONTINUE</b>
	<b>BEGIN</b>	<b>10-minute timer</b>	
	<b>RECORD</b>	<b>Volume of air-flow at the inlet of fan 10XEF1</b>	<b>_____ LFM</b>
		<i>Target flow value (<math>\pm 10\%</math>)</i>	<b>1488 LFM</b>
	<b>RECORD</b>	<b>Volume of air-flow at the inlet of fan 10XEF2</b>	<b>_____ LFM</b>
		<i>Target flow value (<math>\pm 10\%</math>)</i>	<b>1488 LFM</b>
	<b>RECORD</b>	<b>Volume of air-flow at the inlet of fan 10XSF1</b>	<b>_____ LFM</b>
		<i>Target flow value (<math>\pm 10\%</math>)</i>	<b>1416 LFM</b>
	<b>RECORD</b>	<b>Volume of air-flow at the inlet of fan 10XSF2</b>	<b>_____ LFM</b>
		<i>Target flow value (<math>\pm 10\%</math>)</i>	<b>1416 LFM</b>
	<b>AFTER</b>	<b>~ 10 minutes</b>	
	<b>RECORD</b>	<b>Duration of timer</b>	<b>_____ mins</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 8EF0 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 8EF1 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 9EF1 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 9EF2 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 8AV0 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 8AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 8AV2 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 8AV3 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 8AV4 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 9AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 9AV2 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 9AV3 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 9AV4 is</b>	<b>OPEN</b>

<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div A pcb in 10XCB1</b>	
<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div B pcb in 10XCB1</b>	
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>10XEF1</b> is	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>10XEF2</b> is	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>10XSF1</b> is	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>10XSF2</b> is	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>8EF0</b> is	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>8EF1</b> is	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>9EF1</b> is	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>9EF2</b> is	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>8AV0</b> is	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>8AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>8AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>8AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>8AV4</b> is	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>9AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>9AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>9AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	Vent <b>9AV4</b> is	<b>CLOSED</b>
<b>RESET</b>	<b>ODH in MCR</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees ODH as</b>	<b>RESET</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of sensor 10XAS1 on for &gt; 10 minutes</b>	

### 1.13 Test Activation of multiple sensors 10XAS1 and 10XAS2 in sector 10 Experimental area

<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div A pcb in 10XCB1</b>	
<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div B pcb in 10XCB1</b>	
<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div A pcb in 10XCB2</b>	
<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div B pcb in 10XCB2</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees Peer 17 is in</b>	<b>MODE 2</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 10XAS1 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 10XAS1 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 10XAS2 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 10XAS2 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>8EF0</b> is	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>8EF1</b> is	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>9EF1</b> is	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>9EF2</b> is	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>10XEF1</b> is	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	Fan <b>10XEF2</b> is	<b>ON</b>

<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF1</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF2</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV0</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV1</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV2</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV3</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV4</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV1</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV2</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV3</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV4</b> is	<b>OPEN</b>
	<b>AFTER</b>	<b>~ 30 secs</b>	
	<b>TURN</b>	Bypass Switch <b>to</b> Bypass	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes</b> <input type="checkbox"/> , <b>Sonalerts</b> <input type="checkbox"/> and <b>Fans</b> (after ~90secs) <input type="checkbox"/>	<b>STOP</b>
	<b>TURN</b>	Bypass Switch <b>from</b> Bypass	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes</b> <input type="checkbox"/> , <b>Sonalerts</b> <input type="checkbox"/> and <b>Fans</b> (after ~30secs) <input type="checkbox"/>	<b>CONTINUE</b>
	<b>REMOVE</b>	<b>Jumper</b> between <b>Tp2</b> and <b>Tp4</b> on the <b>Div A pcb</b> in <b>10XCB1</b>	
	<b>REMOVE</b>	<b>Jumper</b> between <b>Tp2</b> and <b>Tp4</b> on the <b>Div B pcb</b> in <b>10XCB1</b>	
	<b>REMOVE</b>	<b>Jumper</b> between <b>Tp2</b> and <b>Tp4</b> on the <b>Div A pcb</b> in <b>10XCB2</b>	
	<b>REMOVE</b>	<b>Jumper</b> between <b>Tp2</b> and <b>Tp4</b> on the <b>Div B pcb</b> in <b>10XCB2</b>	
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>8EF0</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>8EF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>9EF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>9EF2</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XEF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XEF2</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV0</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>8AV4</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV4</b> is	<b>CLOSED</b>
	<b>RESET</b>	<b>ODH</b> in <b>MCR</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR</b> sees <b>ODH</b> as	<b>RESET</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of Activation of multiple sensors 10XAS1 and 10XAS2 in sector 10 Experimental area.</b>		

# 1.14 10-minute Activation test of sensor 10AS1 in sector 10

<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div A pcb in 10CB2</b>	
<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div B pcb in 10CB2</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees Peer 17 is in</b>	<b>MODE 2</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 10AS1 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>MCR sees 10AS1 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10EF1 is immediately</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 10AV1 is immediately</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 10AV2 is immediately</b>	<b>OPEN</b>
<b>AFTER</b>	<b>~ 30 secs</b>	
<b>TURN</b>	<b>Bypass Switch to Bypass</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Strobes <input type="checkbox"/>, Sonalerts <input type="checkbox"/> and Fans (after ~90secs) <input type="checkbox"/></b>	<b>STOP</b>
<b>TURN</b>	<b>Bypass Switch from Bypass</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Strobes <input type="checkbox"/>, Sonalerts <input type="checkbox"/> and Fans (after ~30secs) <input type="checkbox"/></b>	<b>CONTINUE</b>
<b>BEGIN</b>	<b>10-minute timer</b>	
<b>RECORD</b>	<b>Volume of air-flow at the inlet of fan 10EF1</b>	<b>_____ LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<b><u>1592 LFM</u></b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Air flow at tell-tale of vent 10AV1 is</b>	<b>ADEQUATE</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Air flow at tell-tale of vent 10AV2 is</b>	<b>ADEQUATE</b>
<b>AFTER</b>	<b>~ 10 minutes</b>	
<b>RECORD</b>	<b>Duration of timer</b>	<b>_____ mins</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 11EF1 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 11EF2 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 12XEF1 is</b>	<b>ON</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 10AV3 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 10AV4 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 11AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 11AV2 is</b>	<b>OPEN</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 11AV3 is</b>	<b>OPEN</b>
<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div A pcb in 10CB2</b>	
<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div B pcb in 10CB2</b>	
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 10EF1 is</b>	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 10AV1 is</b>	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Vent 10AV2 is</b>	<b>CLOSED</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 11EF1 is</b>	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 11EF2 is</b>	<b>OFF</b>
<input type="checkbox"/> <b>VERIFY</b>	<b>Fan 12XEF1 is</b>	<b>OFF</b>

<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV4</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>11AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>11AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>11AV3</b> is	<b>CLOSED</b>
	<b>RESET</b>	<b>ODH in MCR</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees ODH as</b>	<b>RESET</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of sensor 10AS1 on for &gt; 10 minutes</b>		

#### 1.15 Test Activation of multiple sensors 10AS2 and 10AS3 in sector 10

<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
	<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div A pcb in 10CB3</b>	
	<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div B pcb in 10CB3</b>	
	<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div A pcb in 10CB5</b>	
	<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div B pcb in 10CB5</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees Peer 17 is in</b>	<b>MODE 2</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10AS2 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10AS2 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10AS3 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10AS3 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10EF1 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 11EF1 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 11EF2 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 12XEF1 is</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV2 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV3 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 10AV4 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 11AV1 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 11AV2 is</b>	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 11AV3 is</b>	<b>OPEN</b>
	<b>AFTER</b>	<b>~ 30 secs</b>	
	<b>TURN</b>	<b>Bypass Switch to Bypass</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes <input type="checkbox"/>, Sonalerts <input type="checkbox"/> and Fans (after ~90secs) <input type="checkbox"/></b>	<b>STOP</b>
	<b>TURN</b>	<b>Bypass Switch from Bypass</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes <input type="checkbox"/>, Sonalerts <input type="checkbox"/> and Fans (after ~30secs) <input type="checkbox"/></b>	<b>CONTINUE</b>
	<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div A pcb in 10CB3</b>	
	<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div B pcb in 10CB3</b>	
	<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div A pcb in 10CB5</b>	
	<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div B pcb in 10CB5</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 10EF1 is</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan 11EF1 is</b>	<b>OFF</b>



- |                          |   |                        |               |
|--------------------------|---|------------------------|---------------|
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>11EF2</b> is    | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>12XEF1</b> is   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>10AV1</b> is   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>10AV2</b> is   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>10AV3</b> is   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>10AV4</b> is   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>11AV1</b> is   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>11AV2</b> is   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>11AV3</b> is   | <b>CLOSED</b> |
| <br>                     |   |                        |               |
|                          | <b>RESET</b>  | <b>ODH in MCR</b>      |               |
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>MCR sees ODH as</b> | <b>RESET</b>  |
| <br>                     |   |                        |               |
| <input type="checkbox"/> | <b>Check for Test Acceptance of Activation of multiple sensors 10AS2 and 10AS3 in sector 10</b> |                        |               |

#### 1.16 Test Manual fan ON/OFF controls in Alcove 9C

- |                          |   |   |                 |
|--------------------------|---|---|-----------------|
|                          | <b>PLACE</b>  | <b>Peer 17 in Mode 8</b>                            |                 |
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>Peer 17 is in Restricted Access</b>              | <b>MODE 8</b>   |
| <br>                     |   |   |                 |
|                          | <b>PRESS</b>  | <b>Fan ON button in Alcove 9C</b>                   |                 |
|                          | <b>BEGIN</b>  | <b>90-sec timer</b>                                 |                 |
| <br>                     |   |   |                 |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>9EF2</b> is                                  | <b>ON</b>       |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>9AV1</b> is                                 | <b>OPEN</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>9AV2</b> is                                 | <b>OPEN</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>9AV3</b> is                                 | <b>OPEN</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>9AV4</b> is                                 | <b>OPEN</b>     |
| <br>                     |   |   |                 |
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>Air flow</b> at tell-tale of vent <b>9AV3</b> is | <b>ADEQUATE</b> |
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>Air flow</b> at tell-tale of vent <b>9AV4</b> is | <b>ADEQUATE</b> |
| <br>                     |   |   |                 |
|                          | <b>PRESS</b>  | <b>Fan OFF button in Alcove 9C</b>                  |                 |
|                          | <b>AFTER</b>  | <b>90 secs from ON command</b>                      |                 |
| <br>                     |   |   |                 |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>9EF2</b> is                                  | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>9AV1</b> is                                 | <b>CLOSED</b>   |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>9AV2</b> is                                 | <b>CLOSED</b>   |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>9AV3</b> is                                 | <b>CLOSED</b>   |
| <input type="checkbox"/> | <b>VERIFY</b>   | Vent <b>9AV4</b> is                                 | <b>CLOSED</b>   |
| <br>                     |   |   |                 |
| <input type="checkbox"/> | <b>Check for Test Acceptance of Manual fan-ON/OFF controls in Alcove 9C</b> |   |                 |

**1.17 Test Manual fan controls at Experimental area in sector 10**

- |                          |   |   |               |
|--------------------------|---|---|---------------|
| <input type="checkbox"/> | <b>PLACE</b>  | <b>Peer 17 in Mode 8</b>  |               |
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>Peer 17 is in Restricted Access</b>                            | <b>MODE 8</b> |
|                          | <b>PRESS</b>  | Fan <b>ON</b> button in <b>Experimental area fan control box</b>  |               |
|                          | <b>BEGIN</b>  | <b>90-sec timer</b>   |               |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>10XEF1</b> is  | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>10XEF2</b> is  | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>10XSF1</b> is  | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>10XSF2</b> is  | <b>ON</b>     |
|                          | <b>PRESS</b>  | Fan <b>OFF</b> button in <b>Experimental area fan control box</b> |               |
|                          | <b>AFTER</b>  | <b>90 secs from ON command</b>                                    |               |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>10XEF1</b> is  | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>10XEF2</b> is  | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>10XSF1</b> is  | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>   | Fan <b>10XSF2</b> is  | <b>OFF</b>    |
| <input type="checkbox"/> | <b>Check for Test Acceptance of Manual fan-ON/OFF controls in Exptl Area of Sector 10</b> |   |               |

**1.18 Test Manual fan-ON/OFF controls in Alcove 11A**

- |                          |               |  |                 |
|--------------------------|---------------|--|-----------------|
| <input type="checkbox"/> | <b>PLACE</b>  | <b>Peer 17 in Mode 8</b>                                   |                 |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Peer 17 is in Restricted Access</b>                     | <b>MODE 8</b>   |
|                          | <b>PRESS</b>  | Fan <b>ON</b> button in <b>Alcove 11A</b>                  |                 |
|                          | <b>BEGIN</b>  | <b>90-sec timer</b>  |                 |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10EF1</b> is  | <b>ON</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>11EF1</b> is  | <b>ON</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV1</b> is                                       | <b>OPEN</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV2</b> is                                       | <b>OPEN</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV3</b> is                                       | <b>OPEN</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV4</b> is                                       | <b>OPEN</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>11AV1</b> is                                       | <b>OPEN</b>     |
|                          | <b>RECORD</b> | <b>Volume of air-flow</b> at the inlet of fan <b>11EF1</b> | <u>2010 LFM</u> |
|                          |               | <i>Target flow value (<math>\pm 10\%</math>)</i>           | <u>1592 LFM</u> |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Air flow</b> at tell-tale of vent <b>10AV3</b> is       | <b>ADEQUATE</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Air flow</b> at tell-tale of vent <b>10AV4</b> is       | <b>ADEQUATE</b> |
|                          | <b>PRESS</b>  | Fan <b>OFF</b> button in <b>Alcove 11A</b>                 |                 |
|                          | <b>AFTER</b>  | <b>90 secs from ON command</b>                             |                 |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10EF1</b> is  | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>11EF1</b> is  | <b>OFF</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV1</b> is                                       | <b>CLOSED</b>   |

- |                          |               |                      |               |
|--------------------------|---------------|----------------------|---------------|
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV2</b> is | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV3</b> is | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV4</b> is | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>11AV1</b> is | <b>CLOSED</b> |

- ☐ Check for Test Acceptance of Manual fan-ON/OFF controls in Alcove 11A

#### 1.19 Test Manual fan-ON/OFF controls in Alcove 11B

- |                          |               |                                 |               |
|--------------------------|---------------|---------------------------------|---------------|
| <input type="checkbox"/> | <b>PLACE</b>  | Peer 17 in Mode 8               |               |
| <input type="checkbox"/> | <b>VERIFY</b> | Peer 17 is in Restricted Access | <b>MODE 8</b> |

**PRESS BEGIN** Fan ON button in Alcove 11B  
90-sec timer

- |                          |               |                      |             |
|--------------------------|---------------|----------------------|-------------|
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10EF1</b> is  | <b>ON</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>11EF1</b> is  | <b>ON</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV1</b> is | <b>OPEN</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV2</b> is | <b>OPEN</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV3</b> is | <b>OPEN</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV4</b> is | <b>OPEN</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>11AV1</b> is | <b>OPEN</b> |

**PRESS AFTER** Fan OFF button in Alcove 11B  
90 secs from ON command

- |                          |               |                      |               |
|--------------------------|---------------|----------------------|---------------|
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10EF1</b> is  | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>11EF1</b> is  | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV1</b> is | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV2</b> is | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV3</b> is | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV4</b> is | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>11AV1</b> is | <b>CLOSED</b> |

- ☐ Check for Test Acceptance of Manual fan-ON/OFF controls in Alcove 11B

## 1.20 Test Manual fan OFF controls in MCR

<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
	<b>PRESS</b>	Fan <b>ON</b> button in <b>Alcove 9C</b>	
	<b>PRESS</b>	Fan <b>ON</b> button in <b>Experimental area fan control box</b>	
	<b>PRESS</b>	Fan <b>ON</b> button in <b>Alcove 11A</b>	
	<b>BEGIN</b>	<b>90-sec timer</b>	
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>9EF2</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10EF1</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>11EF1</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XEF1</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XEF2</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF1</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF2</b> is	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV1</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV2</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV3</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV4</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV1</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV2</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV3</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV4</b> is	<b>OPEN</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>11AV1</b> is	<b>OPEN</b>
	<b>PRESS</b>	Fan <b>OFF</b> button in <b>MCR</b>	
	<b>AFTER</b>	<b>90 secs from ON command</b>	
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>9EF2</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10EF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>11EF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XEF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XEF2</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF1</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Fan <b>10XSF2</b> is	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>9AV4</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV2</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV3</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>10AV4</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>VERIFY</b>	Vent <b>11AV1</b> is	<b>CLOSED</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of Manual fan OFF controls in MCR</b>		

## 1.21 Test Manual fan-ON/OFF controls at gate 10GE1

- |                          |               |  |               |
|--------------------------|---------------|--|---------------|
| <input type="checkbox"/> | <b>PLACE</b>  | <b>Peer 17 in Mode 8</b>               |               |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Peer 17 is in Restricted Access</b> | <b>MODE 8</b> |
|                          | <b>PRESS</b>  | <b>Fan ON button at gate 10GE1</b>     |               |
|                          | <b>BEGIN</b>  | <b>90-sec timer</b>                    |               |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>9EF2</b> is                     | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10EF1</b> is                    | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>11EF1</b> is                    | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF1</b> is                   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF2</b> is                   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF1</b> is                   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF2</b> is                   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV1</b> is                    | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV2</b> is                    | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV3</b> is                    | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV4</b> is                    | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV1</b> is                   | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV2</b> is                   | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV3</b> is                   | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV4</b> is                   | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>11AV1</b> is                   | <b>OPEN</b>   |
|                          | <b>PRESS</b>  | <b>Fan OFF button at gate 10GE1</b>    |               |
|                          | <b>AFTER</b>  | <b>90 secs from ON command</b>         |               |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>9EF2</b> is                     | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10EF1</b> is                    | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>11EF1</b> is                    | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF1</b> is                   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF2</b> is                   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF1</b> is                   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF2</b> is                   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV1</b> is                    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV2</b> is                    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV3</b> is                    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV4</b> is                    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV1</b> is                   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV2</b> is                   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV3</b> is                   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV4</b> is                   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>11AV1</b> is                   | <b>CLOSED</b> |
- ☐ Check for Test Acceptance of Manual fan ON/OFF controls at gate 10GE1

## 1.22 Test MCR reset of Manual fan-ON/OFF controls at gate 10GE1

- |                          |               |  |               |
|--------------------------|---------------|--|---------------|
| <input type="checkbox"/> | <b>PLACE</b>  | <b>Peer 17 in Mode 8</b>               |               |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Peer 17 is in Restricted Access</b> | <b>MODE 8</b> |
|                          | <b>PRESS</b>  | <b>Fan ON button at gate 10GE1</b>     |               |
|                          | <b>BEGIN</b>  | <b>90-sec timer</b>                    |               |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>9EF2</b> is                     | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10EF1</b> is                    | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>11EF1</b> is                    | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF1</b> is                   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF2</b> is                   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF1</b> is                   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF2</b> is                   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV1</b> is                    | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV2</b> is                    | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV3</b> is                    | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV4</b> is                    | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV1</b> is                   | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV2</b> is                   | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV3</b> is                   | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV4</b> is                   | <b>OPEN</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>11AV1</b> is                   | <b>OPEN</b>   |
|                          | <b>PRESS</b>  | <b>Fan OFF button at MCR</b>           |               |
|                          | <b>AFTER</b>  | <b>90 secs from ON command</b>         |               |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>9EF2</b> is                     | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10EF1</b> is                    | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>11EF1</b> is                    | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF1</b> is                   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XEF2</b> is                   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF1</b> is                   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Fan <b>10XSF2</b> is                   | <b>OFF</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV1</b> is                    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV2</b> is                    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV3</b> is                    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>9AV4</b> is                    | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV1</b> is                   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV2</b> is                   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV3</b> is                   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>10AV4</b> is                   | <b>CLOSED</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Vent <b>11AV1</b> is                   | <b>CLOSED</b> |
- ☐ Check for Test Acceptance MCR reset of Manual fan ON/OFF controls at gate 10GE1

### 1.23 Test of ODH sensor 10XAS3 in 10XCB3 at 1010B

<input type="checkbox"/>	<b>PLACE</b>	<b>Peer 17 in Mode 8</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Peer 17 is in Restricted Access</b>	<b>MODE 8</b>
	<b>FLOW</b>	<b>Helium ( or Nitrogen ) gas across 10XAS3</b>	
	<b>RECORD</b>	<b>Oxygen trip level for Div A</b>	_____ %
	<b>RECORD</b>	<b>Oxygen trip level for Div B</b>	_____ %
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10XAS3 Div A</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees 10XAS3 Div B</b>	<b>TRIPPED</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes on 10XCB3 are</b>	<b>FLASHING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B sonalerts on 10XCB3 are</b>	<b>SOUNDING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fans in 1010B are</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 1010B is</b>	<b>OPEN</b>
	<b>HALT</b>	<b>Flow of gas on 10XAS3</b>	
	<b>WAIT</b>	<b>For 10XAS3 to clear (level ~ trip-level above)</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes and sonalerts on 10XCB1 are</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan in 1010B are</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 1010B is</b>	<b>CLOSED</b>
	<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div A pcb in 10XCB3</b>	
	<b>JUMPER</b>	<b>Tp2 and Tp4 on the Div B pcb in 10XCB3</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes on 10XCB3 are</b>	<b>FLASHING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B sonalerts on 10XCB3 are</b>	<b>SOUNDING</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fans in 1010B are</b>	<b>ON</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 1010B is</b>	<b>OPEN</b>
	<b>TURN</b>	<b>Bypass Switch to Bypass</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes <input type="checkbox"/> and Sonalerts <input type="checkbox"/></b>	<b>STOP</b>
	<b>TURN</b>	<b>Bypass Switch from Bypass</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Strobes <input type="checkbox"/> and Sonalerts <input type="checkbox"/></b>	<b>CONTINUE</b>
	<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div A pcb in 10XCB3</b>	
	<b>REMOVE</b>	<b>Jumper between Tp2 and Tp4 on the Div B pcb in 10XCB3</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>Div A &amp; B strobes and sonalerts on 10XCB1 are</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Fan in 1010B are</b>	<b>OFF</b>
<input type="checkbox"/>	<b>VERIFY</b>	<b>Vent 1010B is</b>	<b>CLOSED</b>
	<b>RESET</b>	<b>ODH in MCR</b>	
<input type="checkbox"/>	<b>VERIFY</b>	<b>MCR sees ODH as</b>	<b>RESET</b>
<input type="checkbox"/>	<b>Check for Test Acceptance of sensor 10XAS3</b>		

## 1.24 Summary of air-flow at fan intakes and vents in sector 10

<b>RECORD</b>	<b>Volume of air-flow</b> at the inlet of fan <b>9EF2</b>	<u>          </u> <b>LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<u>1592 LFM</u>
<b>RECORD</b>	<b>Volume of air-flow</b> at the inlet of fan <b>10XEF1</b>	<u>          </u> <b>LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<u>1488 LFM</u>
<b>RECORD</b>	<b>Volume of air-flow</b> at the inlet of fan <b>10XEF2</b>	<u>          </u> <b>LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<u>1488 LFM</u>
<b>RECORD</b>	<b>Volume of air-flow</b> at the inlet of fan <b>10XSF1</b>	<u>          </u> <b>LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<u>1416 LFM</u>
<b>RECORD</b>	<b>Volume of air-flow</b> at the inlet of fan <b>10XSF2</b>	<u>          </u> <b>LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<u>1416 LFM</u>
<b>RECORD</b>	<b>Volume of air-flow</b> at the inlet of fan <b>11EF1</b>	<u>          </u> <b>LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<u>1592 LFM</u>
<b>RECORD</b>	<b>Volume of air-flow</b> at the inlet of fan <b>11EF1</b>	<u>          </u> <b>LFM</b>
	<i>Target flow value (<math>\pm 10\%</math>)</i>	<u>1592 LFM</u>
<input type="checkbox"/>	<b>VERIFY</b> Air flow at tell-tale of vent <b>9AV1</b> is	<b>ADEQUATE</b>
<input type="checkbox"/>	<b>VERIFY</b> Air flow at tell-tale of vent <b>9AV2</b> is	<b>ADEQUATE</b>
<input type="checkbox"/>	<b>VERIFY</b> Air flow at tell-tale of vent <b>9AV3</b> is	<b>ADEQUATE</b>
<input type="checkbox"/>	<b>VERIFY</b> Air flow at tell-tale of vent <b>9AV4</b> is	<b>ADEQUATE</b>
<input type="checkbox"/>	<b>VERIFY</b> Air flow at tell-tale of vent <b>10AV1</b> is	<b>ADEQUATE</b>
<input type="checkbox"/>	<b>VERIFY</b> Air flow at tell-tale of vent <b>10AV2</b> is	<b>ADEQUATE</b>
<input type="checkbox"/>	<b>VERIFY</b> Air flow at tell-tale of vent <b>10AV3</b> is	<b>ADEQUATE</b>
<input type="checkbox"/>	<b>VERIFY</b> Air flow at tell-tale of vent <b>10AV4</b> is	<b>ADEQUATE</b>

☐ Check for Acceptance of Summary of air-flow at fan intakes and vents in sector 10

### END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

TTL: Sign for completion of final testing: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_